

## **Amendments to the Claims**

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method comprising:  
  
receiving, from an eye interpretation engine, at least an interpretation of eyetracking data corresponding to at least one user;  
  
receiving external context data corresponding the at least one user's interaction with an application; and  
  
dynamically acting on a characteristic of [[an]] the application based, at least in part, on the interpretation of the eyetracking data and the external context data.
2. (Original) The method of claim 1 wherein acting on comprises one of: modifying, creating, destroying, removing, invoking and configuring.
3. (Original) The method of claim 1 wherein dynamically acting on a characteristic of the application based, at least in part, on the interpretation of the eyetracking data comprises:  
  
determining from the interpretation of the eyetracking data at least a portion of an interface that has not been viewed by the user;

modifying a format of the portion of the interface that has not been viewed by the user.

4. (Currently Amended) A method comprising:  
receiving, from an eye interpretation engine, at least an interpretation of eyetracking data corresponding to at least one user;  
receiving external context data corresponding the at least one user's interaction with an application; and  
dynamically acting on an output of ~~[[an]]~~ the application based, at least in part, on the interpretation of the eyetracking data and the external context data.

5. (Original) The method of claim 4 wherein acting on comprises one of: modifying, creating, destroying, removing, invoking and configuring.

6. (Original) The method of claim 4 wherein dynamically acting on the output of the application based, at least in part, on the interpretation of the eyetracking data comprises:

determining from the interpretation of the eyetracking data at least a portion of content that has not been viewed by the user;  
modifying a format of the portion of content that has not been viewed by the user.

7. (Currently Amended) A method comprising:

receiving, from an eye interpretation engine, at least an interpretation of eyetracking data corresponding to at least one user;

receiving external context data corresponding the at least one user's interaction with an application; and

dynamically acting on [[an]] the application based, at least in part, on the interpretation of the eyetracking data and the external context data.

8. (Original) The method of claim 7 wherein acting on comprises one of: invoking, selecting, closing, creating and configuring.

9. (Currently Amended) An article comprising a computer-readable medium having stored thereon instructions that, when executed, cause one or more processors to:

receive, from an eye interpretation engine, at least an interpretation of eyetracking data corresponding to at least one user;

receive external context data corresponding the at least one user's interaction with an application; and

dynamically act on a characteristic of [[an]] the application based, at least in part, on the interpretation of the eyetracking data and the external context data.

10. (Original) The article of claim 9 wherein acting on comprises one of: modifying, creating, destroying, removing, invoking and configuring.

11. (Original) The article of claim 9 wherein the instructions that cause the one or more processors to dynamically act on a characteristic of the application based, at least in part, on the interpretation of the eyetracking data comprise instructions that, when executed cause the one or more processors to:

determine from the interpretation of the eyetracking data at least a portion of content that has not been viewed by the user;

modify a format of the portion of the interface that has not been viewed by the user.

12. (Currently Amended) An article comprising a computer-readable medium having stored thereon instructions that, when executed, cause one or more processors to:

receive, from an eye interpretation engine, at least an interpretation of eyetracking data corresponding to at least one user;

receive external context data corresponding the at least one user's interaction with an application; and

dynamically act on an output of ~~[[an]]~~ the application based, at least in part, on the interpretation of the eyetracking data and the external context data.

13. (Original) The article of claim 12 wherein acting on comprises one of: modifying, creating, destroying, removing, invoking and configuring.

14. (Original) The article of claim 12 wherein the instructions that cause the one or more processors to dynamically act on a characteristic of the application based, at least in part, on the interpretation of the eyetracking data comprise instructions that, when executed cause the one or more processors to:

determine from the interpretation of the eyetracking data at least a portion of content that has not been viewed by the user;

modify a format of the portion of content that has not been viewed by the user.

15. (Currently Amended) An article comprising a computer-readable medium having stored thereon instructions that, when executed, cause one or more processors to:

receive, from an eye interpretation engine, at least an interpretation of eyetracking data corresponding to at least one user;

receive external context data corresponding the at least one user's interaction with an application; and

dynamically act on ~~[[an]]~~ the application based, at least in part, on the interpretation of the eyetracking data and the external context data.

16. (Original) The article of claim 15 wherein acting on comprises one of: invoking, selecting, closing, creating and configuring.

17. (New) The method of claim 1 wherein the external sources comprise one or more of: system and/or environment information, location and/or z-order of windows

and/or objects, Document Object Model (DOM) of a Web page or application being viewed, current application process state and/or visual state, normalized galvanic skin measurements, biometrics, task models, cognitive models describing the mental or physical steps or states required.

18. (New) The method of claim 4 wherein the external sources comprise one or more of: system and/or environment information, location and/or z-order of windows and/or objects, Document Object Model (DOM) of a Web page or application being viewed, current application process state and/or visual state, normalized galvanic skin measurements, biometrics, task models, cognitive models describing the mental or physical steps or states required.

19. (New) The method of claim 7 wherein the external sources comprise one or more of: system and/or environment information, location and/or z-order of windows and/or objects, Document Object Model (DOM) of a Web page or application being viewed, current application process state and/or visual state, normalized galvanic skin measurements, biometrics, task models, cognitive models describing the mental or physical steps or states required.

20. (New) The article of claim 9 wherein the external sources comprise one or more of: system and/or environment information, location and/or z-order of windows and/or objects, Document Object Model (DOM) of a Web page or application being viewed, current application process state and/or visual state, normalized galvanic skin

measurements, biometrics, task models, cognitive models describing the mental or physical steps or states required.

21. (New) The article of claim 12 wherein the external sources comprise one or more of: system and/or environment information, location and/or z-order of windows and/or objects, Document Object Model (DOM) of a Web page or application being viewed, current application process state and/or visual state, normalized galvanic skin measurements, biometrics, task models, cognitive models describing the mental or physical steps or states required.

22. (New) The article of claim 15 wherein the external sources comprise one or more of: system and/or environment information, location and/or z-order of windows and/or objects, Document Object Model (DOM) of a Web page or application being viewed, current application process state and/or visual state, normalized galvanic skin measurements, biometrics, task models, cognitive models describing the mental or physical steps or states required.